

Tidewater Community College
Electrical Engineering
2019-2020

The Apprentice School
Electrical Engineering Program Requirements
2019-2020

Old Dominion University
BS Electrical Engineering
2019-2020

Course Title	Credit	NNAS Program	ODU Course Equivalents	Credit
Substitution I	3	E111 (CC)	ENGL 110C	3
Substitution II	3	C232 (NNAS) (Course Substitution)	ENGL 231C	3
Active	3	Humanities Elective (CC)	Liberal Arts Course	3
Elective	3	Humanities Elective (CC)	Liberal Arts Course	3
Science / TCC:	3	Social Science Elective CC	Liberal Arts Course or Human Behavior	3
	4	Social Science Elective TNCC or Histo Elective	Liberal Arts Course or Human Behavior	3
	4	M263 CC	MATH 211	4
	4	M264 CC	MATH 212	4
	4	C221 (CC)	HEM 121N/CHEM 122N	4
	4	C222 (CC)	HEM 123N/CHEM 124N	4
Engineering and Tech.	1	SDV 101 CC	UNIV 100	1
Education Course Credits	35		Total General Education Course Credits	35

Course Title	Credit	NNAS Program	ODU Course Equivalents	Credit
Physics I	4	P241 (CC)	HY 231N	4
Physics II	4	P242(CC)	HY 232N	4
Mathematical Formulations	4	M265 CC	MATH 285 (312 transfer equivalent)	4
Statistics	3	M267 CC	MATH 280 (307 transfer equivalent)	3
Engineering Methods (C++)	3	EGR 110/E110 CC	ECE 111 (Substitution)	3
For Engineers	2	EGR 120/E120 CC	VGN 110	2
Active	4	E125(TCC)/ E126(TNCC)	AS 150 (ENGN 150 equivalent)	4
Active	3	EGR 260/E260 (CC)	ECE 201	3
Active	2	EGR 262/E262 (CC)	ECE 287	2
Active	4	EGR 270/E270 (CC)	ECE 241	4
Mechanics-Statics	3	EGR 140/E140 (TNCC requirement only)	MAE 204 (Nonmajor Engineering Elective)	3
Other Course Credits	36		Total Major and Other Course Credits	36

for the AS in Engineering, but satisfied by NNAS Electrical Engineering program requirements)

Course Title	Credit	NNAS Program	ODU Course Equivalents	Credit
Public Speaking	3	M161 CC	MTH 162M	3
Terms	3	M162 CC	ETH 163	3
	3	C243 (NNAS)	JMM 101R	3
	3	E261 CC	ECE 202	3

Electrical Engineering at ODU
 Tidewater Community College AS satisfies all lower-level General Education requirements.

units to be completed at GDC

ECE	302	Linear Systems	3
ECE	302	Introduction to Electrical Design	3

Note: The lower-division general education

ECE	212	Electronic Circuits	4
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REVISIONS & IMPROVEMENTS TO CURRICULUM

outlined in this program assessment

ECE	302	Linear Systems	3
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Signature

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Date

Dr. Brian Payne
Vice Provost, Academic Programs
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